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Standard name

NetCDF

Authority responsible for the standard

[Unidata](#)

Statutory requirements for supporting the standard

Significant applications (within and outside NOAA) currently using the standard

Purpose/application

A set of software libraries and self-describing, machine-independent data formats that support the creation, access, and sharing of array-oriented scientific data.

Data type(s) to which the standard would apply.

Existing software tools that support the implementation of the standard.

Detailed description/definition of the standard.

- [NetCDF Home Page](#)
- [Wikipedia](#)
- [NetCDF Attribute Convention for Dataset Discovery](#)
- [Climate Forecast Conventions](#)

NetCDF Markup Language (NcML)

[NcML](#) NcML is an XML representation of netCDF metadata, (approximately) the header information one gets from a netCDF file with the "ncdump -h" command. NcML is similar to the netCDF CDL (network Common data form Description Language), except, of course, it uses XML syntax.